

Curriculum Vitae

Charles B. Salemi

Education:

University Of Massachusetts Amherst Ma.
Bachelor of Science- Zoology 1973

Experience:

2003-present: Chief of Laboratory for the Jamaica Plain site of the Massachusetts Department of Public Health Drug Analysis Laboratory. Oversee and supervise the operations of the Laboratory and Evidence Office. Served as the Department of Public Health's representative on the Commonwealth of Massachusetts Forensic Science Advisory Board 2005-2006.

1980-2003: Served as Chemist 2, 3, and Laboratory Supervisor 1, in the Jamaica Plain Drug Analysis Laboratory. Duties included: analyzing unknown substances and submitting reports to the courts of Massachusetts, developing methods used in the analysis of illicit substances, responsible for the training of new chemists in the laboratory, overseeing the QA/QC program for the laboratory.

1974-1980: Served as a Bacteriologist 1 in the Department of Public Health Food and Drug Laboratory. Duties included the testing of retail food products, to insure microbiological and chemical compliance to the food sanitation code of the Commonwealth of Massachusetts.

Additional training:

- Appointed Assistant Analyst for the Department of Public Health -1982
- Completed training course in methods of drug analysis given by the Federal Drug Enforcement Agency (DEA) in McLean Va. 1983.
- Completed training in the use of Fourier Transform Infrared Spectroscopy conducted at the Analect Instrument training facility 1984.
- Completed workshop in Solid Phase Extractions conducted by Baker Chemical 1984.
- Completed training in Polarized Light and Chemical Microscopy Techniques conducted by the Northeastern Association of Forensic Scientists (NEAFS) 1986.
- Completed workshop in Clandestine Laboratories (NEAFS) 1990.
- Completed training course in Capillary Gas Chromatography conducted by Hewlett-Packard 1991.
- Post Graduate Courses in Instrumental Chemical Analysis-Northeastern University 1982, and Human Toxicology, Harvard University 1983.
- Testified as an expert witness in numerous drug analysis cases in State and Federal Court.

Organizations:

Member of the following:

- Massachusetts Organization of State Engineers and Scientists
- Northeastern Association of Forensic Scientists (NEAFS)

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.
- *Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Responsible for the Quality Control/Quality Assurance program for the drug lab.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)